FORM 6

Name of Work:- Construction of

Client: Bruhat Bangalore Mahanagar Palike

Agency:-

Item No.	Tender Item No.	Unit	As per BOQ		
			Qty	Rate	Amount
1	Earthwork in surface excavation In ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	111.40	173.00	19272.20
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications.Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	239.60	329.00	78828.40
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 1.75 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification.	Cum	27.60	5500.00	151800.00
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisizer @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, arches, structs, buttresses, string or lacing courses, parpets, coping, bed blocks, anchor, plain window cills, fillets etc., Including cost of all materials, labour, HOM of machinery, curing complete as per specification. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	64.40	6500.00	418600.00
5	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications.	Sqm	158.20	350.00	55370.00
7	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded granite metal coarse aggregate @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisizer @ 0.225 Ltrs machine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.Ground floor	Sqm	6.50	485.00	3152.50
9	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 Ground Floor Complete as per the direction of Engineer in Charge with all lead and Lift	Tonne	6.82	79000.00	538780.00
10	Providing & Constructing Granite/ trap/basalt size stone Masonary in basement with Cement morter 1:8 edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two mtr apart in each course including cost of all materials, labour, curing complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	94.30	6200.00	584660.00
11	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications.Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	95.90	220.00	21098.00
12	Providing and constructing Pre cast solid blocks with Compressive strength not less than 35 kg/ sqm with cement morter 1:4 masonary (quion, Jamb, closer block) with solid concrete blocks of size 40 x 15 x 20 cms confirming to IS 2185/1965 in super structures including cost of materials, labour charges, scaffolding, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift.	Sqm	426.00	1000.00	426000.00
13	Providing & constructing non load bearing walls cemect concrete solid blocks with compressive strength not less than 35 kg/sqm with cement morter 1:4 (jamb, closer blocks) with blocks of size 40X10X20. (LXBXH) confirming to I.S. : 2185/1965 in super structure including cost of materials, labour charges, scaffolding, curing complete as per specification.Complete as per the direction of Engineer in Charge with all lead and Lift.	Sqm	30.30	950.00	28785.00

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W G -45 WORK SLIP

Toilets Insides JP Park In Ward No 17

Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
8.83	173.00	1527.16	0.00	0.00	0.00	8.83	1527.00	0.00	17745.20	
299.50	329.00	98535.50	345.22	329.38	113708.67	644.72	212244.00	133415.60	0.00	
34.50	5500.00	189750.00	7.82	6031.57	- 47154.84	42.32	236905.00	85105.00	0.00	
7.62	6500.00	49524.02	0.00	0.00	0.00	7.62	49524.00	0.00	369076.00	
135.91	350.00	47569.90	0.00	0.00	0.00	135.91	47570.00	0.00	7800.00	
8.13	485.00	3940.63	5.27	539.53	- 2842.20	13.39	6783.00	3630.50	0.00	
2.84	79000.00	224092.77	0.00	0.00	0.00	2.84	224093.00	0.00	314687.00	
40.29	6200.00	249816.60	0.00	0.00	0.00	40.29	249817.00	0.00	334843.00	
119.88	220.00	26372.50	476.13	221.42	- 105425.34	596.00	131798.00	110700.00	0.00	
106.70	1000.00	106695.00	0.00	0.00	0.00	106.70	106695.00	0.00	319305.00	
37.88	950.00	35981.25	42.21	902.74	- 38104.71	80.09	74086.00	45301.00	0.00	

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Item No.	Tender Item No.	Unit	As per BOQ			tender quantity up to 25%		Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	e	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
14	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding. including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	458.60	310.00	142166.00	00	63506.60	0.00	0.00	0.00	204.86	63507.00	0.00	78659.00	
15	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding. including cost of materials, labour, curing complete as per specifications.(Internal). Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	821.50	288.00	236592.00	399.90	115169.76	0.00	0.00	0.00	399.90	115170.00	0.00	121422.00	
16	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding. including cost of materials, labour, curing complete as per specifications. GG. Complete as per the direction of Engineer in Charge with all lead and Lift. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	279.00	298.00	83142.00	180.07	53660.86	0.00	0.00	0.00	180.07	53661.00	0.00	29481.00	
17	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18908 standards. Complete as per the direction of Engineer in Charge with all lead and Lift.	Sqm	278.16	500.00	139080.00	188.84	94420.00	0.00	0.00	0.00	188.84	94420.00	0.00	44660.00	
18	Providing and fixing of factorymade 30 mm P.V.C door frame of size 50x47 mm with a wall thickness of 5 mm made out of extruded 5 mm rigid PVC foamsheet metered cut at cornwers & jointed 2 nos 150 mm long brackets of 15 x 15 mm MS Square tube, the entire door frame to be reinforced with 19 x 19 m square tube of 19 gauge .the door frame to be fixed to the wall using MS screws of 65 /80 mm size complete as per manufacturers specification& directions of Engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	45.36	520.00	23587.20	51.30	26676.00	0.00	0.00	0.00	51.30	26676.00	3088.80	0.00	
19	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. GG. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	41.40	2600.00	107640.00	14.18	36855.00	0.00	0.00	0.00	14.18	36855.00	0.00	70785.00	
22	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	367.00	1340.00	491780.00	209.63	280904.20	0.00	0.00	0.00	209.63	280904.00	0.00	210876.00	
23	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	80.50	1405.00	113102.50	100.63	141378.13	255.85	1400.13	358224.18	356.48	499602.00	386499.50	0.00	
24	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift.	Sqm	741.00	120.00	88920.00	399.90	47987.40	0.00	0.00	0.00	399.90	47987.00	0.00	40933.00	
26	Water proof cement paint KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P.No.124/15.53.2) '---do with Primer-- GG. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	458.60	112.00	51363.20	204.86	22944.32	0.00	0.00	0.00	204.86	22944.00	0.00	28419.20	
27	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	12.00	1466.00	17592.00	14.00	20524.00	0.00	0.00	0.00	14.00	20524.00	2932.00	0.00	
28	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I./ M.S brackets, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	12.00	3200.00	38400.00	14.00	44800.00	0.00	0.00	0.00	14.00	44800.00	6400.00	0.00	

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Item No.	Tender Item No.	Unit	As per BOQ		
			Qty	Rate	Amount
29	Providing & fixing CI Nahani trap of approved make confirming to ISI specification and construction of cistren in M 15 as per directions. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	8.00	270.00	2160.00
31	Providing and fixing white vitreous china clay. flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets. 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets. cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	8.00	3328.00	26624.00
32	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf/sqcm working pressure	Mtrs	16.00	359.00	5744.00
33	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf/sqcm working pressure	Mtrs	28.00	419.00	11732.00
34	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf/sqcm working pressure	Mtrs	20.00	496.00	9920.00
35	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778. having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing theipipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc)A)15mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	12.00	227.00	2724.00
36	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778. having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing theipipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc.) B)20 mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	40.00	259.00	10360.00
37	Providing and fixing in position brass gate valve with CJ wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ a) of 20mm dia.	Nos	12.00	360.00	4320.00
38	Providing and fixing in position brass gate valve with CJ wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ b) of 25mm dia.	Nos	8.00	485.00	3880.00
39	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S1./ISO/SSI specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	800.00	5.00	4000.00
41	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778. having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing theipipes with the clamp at . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 25 mm dia pipe nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	mtrs	80.00	197.00	15760.00
43	Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead) Size: 15 cm x 10 cm. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	8.00	209.00	1672.00

tender quantity up to 125%		Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
te	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
270.00	2700.00	0.00	0.00	0.00	10.00	2700.00	540.00	0.00	
10.00	3328.00	33280.00	0.00	0.00	10.00	33280.00	6656.00	0.00	
20.00	359.00	7180.00	45.00	327.18	65.00	21903.00	16159.00	0.00	
35.00	419.00	14665.00	27.00	359.12	62.00	24361.00	12629.00	0.00	
25.00	496.00	12400.00	47.00	418.61	72.00	32075.00	22155.00	0.00	
15.00	227.00	3405.00	75.00	226.93	90.00	20425.00	17791.00	0.00	
50.00	259.00	12950.00	75.00	258.88	125.00	32366.00	22006.00	0.00	
15.00	360.00	5400.00	13.00	370.14	28.00	10212.00	5892.00	0.00	
10.00	485.00	4850.00	10.00	494.62	20.00	9796.00	5916.00	0.00	
1000.00	5.00	5000.00	4000.00	5.60	5000.00	27385.00	23385.00	0.00	
100.00	197.00	19700.00	398.00	160.83	498.00	83712.00	67952.00	0.00	
10.00	209.00	2090.00	10.00	209.30	20.00	4183.00	2511.00	0.00	

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Item No.	Tender Item No.	Unit	As per Ntq		
			Qty	Rate	Amount
44	Constructing brick masonry inspection chamber 450x450mm and 450mm depth, (clear inside dimension) for single pipeline using table moulded non- modular bricks of class designation 50 in cement mortar 1:5, CI cover with frame (light duty) 455x450 mm internal dimensions, total weight of cover with frame 15 kg) RCC top slab with cement concrete M15 with of cover 25kg and weight of frame. foundation concrete M5 with 40mm and downsize 20mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	8.00	8568.85	
	Amount as per Schedule "B"			4289600.10	
				4289600.10	
	Total Rs			2251133.70	
	Savings			980574.60	
	Excess				

Workslip %	Excess Tender Amount	
		980574.60
		4289600.10

Assistant Engineer
Ward No 17
BBMP, Bangalore

Contractor / Representative

Item No.	Tender quantity up to 125%		Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
	8568.85	68550.80	0.00	0.00	0.00	8.00	68551.99	0.29	0.00	
		2174802.39								
	Amount as per Execution				844236.39					
	ERL Amount				1267715.00					
	Total Execution Cost				4286956.00					
							3019041.00	980574.60	2251133.70	
	Total Execution Cost				4286956.00					

22.86%

Asst Executive Engineer
Kasthuripura Sub Division
BBMP, Bangalore

Executive Engineer
RR Nagara Division
BBMP, Bangalore

Consultant / Representative

"Here by workslip amount is: 9,80,574/- [Rs Nine lakhs Eighty thousand five hundred Seventy four only] is approved"

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